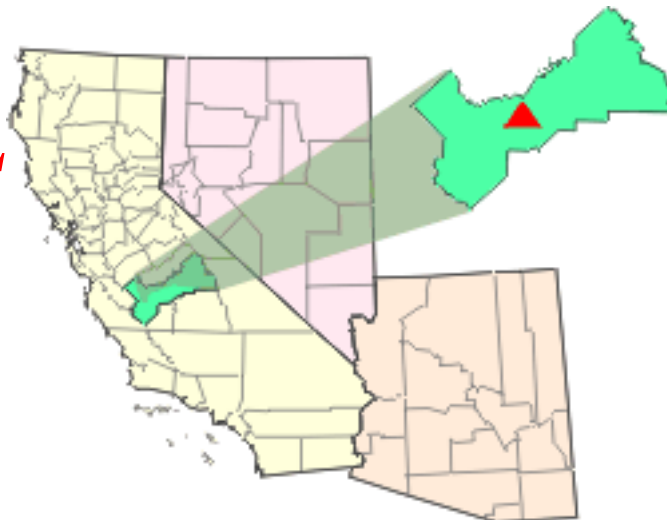


# FRESNO MUNICIPAL SANITARY LANDFILL CALIFORNIA

EPA ID#

**CAD980636914**



**EPA  
Region 9  
City: Fresno  
County:  
Fresno  
Other Names:**

[Click here for interactive site area map](#)

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# ▼ SITE DESCRIPTION AND HISTORY

**Description:** The 145-acre Fresno Municipal Sanitary Landfill site was owned and operated by the City of Fresno from 1935 until it was closed in 1989. While conducting tests in 1983, the California Department of Health Services (CADHS) found that methane gas and vinyl chloride had migrated from the landfill to the surrounding areas. These tests also concluded that contaminated groundwater had migrated off-site to several private residential wells located nearby. The City of Fresno installed monitoring wells around the landfill perimeter in 1984. Subsequent tests indicated that volatile organic compounds (VOCs) including vinyl chloride were present in groundwater taken from wells at the edge of the landfill. Access to the site is restricted by means of a locked gate and a fence that encloses the site. The landfill is covered with a layer of dirt. Nine municipal wells are located within three miles of the site. Water from these wells empty into a blended system that serves the City of Fresno. The general distribution area of the system serves approximately 300,000 people. Two agricultural irrigation wells are located along the western edge of the landfill, and many irrigation and private residential wells are located within a few thousand feet of the site.

<h2>Site Responsibility:</h2> <p>This site is being addressed through Federal and municipal actions.</p>	<h2>NPL LISTING HISTORY</h2> <p><b>Proposed Date:</b> 06/24/88</p> <p><b>Final Date:</b> 10/04/89</p> <p><b>Deleted Date:</b></p>
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# ▼ THREATS AND CONTAMINANTS



Air contains high concentrations of methane and vinyl chloride, and lower concentrations of VOCs. Groundwater is contaminated with VOCs. Since private wells located south of the landfill are contaminated with VOCs, area residents who depend on these wells as their sole source of drinking water could be exposed to site-related contaminants. The City has installed filters on affected wells.

## ▼ CLEANUP APPROACH

This site is being addressed through two operable units. One operable unit addresses the trash prism and landfill gas. The second operable unit addresses the groundwater.

### ▼ Response Action Status



**Initial Actions:** In 1984, the City of Fresno installed wells around the perimeter of the landfill to monitor methane and groundwater. The City also built barriers on two sides of the landfill to prevent methane from migrating off-site to nearby homes. In 1990, the City began the removal of migrating landfill gas containing VOCs. The treatment involves placement of an active vacuum on an existing gas migration barrier to enhance its effectiveness. The action was completed in 1991.



**Trash Prism and Landfill Gas:** The City of Fresno began an investigation into the nature and extent of contamination at the Fresno Landfill in 1990. The study addressed contamination in the groundwater, landfill gas, soils, leachate, and surface gas emissions. The EPA selected a cleanup remedy for operable unit 1 in 1993 that calls for capping the landfill, constructing a gas collection system, building a stormwater management system and, if necessary, building a leachate collection system. Design of this remedy is 100% complete. Construction is expected to begin in 2000.



**Groundwater:** In 1990, the City of Fresno began an investigation into the nature and extent of groundwater contamination. The investigation addressed contamination on the groundwater. The EPA selected a cleanup remedy in September of 1996. Design of this remedy is 100% complete.



Construction of a landfill cap, gas control wells and water treatment system commenced in May of 2000.



Start up of the landfill flare and the water treatment system will begin the week of September 10, 2001. The cap is fully constructed and completion of the project is planned to be in November when conditions for seeding the vegetative layer above the cap are best.



The remedial action is fully functional. Some minor items remain to be done before construction completion can be achieved. Those items include completion of Operation and Maintenance Manuals, decommissioning of three old agricultural wells, and planting of native species of plants on isolated patches of the cap's vegetative layer.

### Site Facts:

## ▼ENVIRONMENTAL PROGRESS



The construction of barriers and the removal of migrating landfill gas have reduced the threat of exposure to contaminants from the Fresno Municipal Sanitary Landfill site while studies are taking place and additional cleanup activities are being planned. On June 10, 1998, EPA and the City entered a formal agreement called a Consent Decree (CD) with the District Court. This agreement formalizes the final cleanup actions for the site. The CD calls for the City to begin the construction of operable unit 1 and develop the remedial design, construct and conduct the cleanup effort for operable unit 2.

## ▼POTENTIALLY RESPONSIBLE PARTIES

Potentially responsible parties (PRPs) refers to companies that are potentially responsible for generating, transporting, or disposing of the hazardous waste found at the site.

Online information about the PRPs for the site is not yet available.

# ▼ SITE DOCUMENTS AND REPORTS

**Administrative Records:** Online versions not yet available

**Records of Decision:** Online versions not yet available

**Technical Documents:**

# ▼ COMMUNITY INVOLVEMENT

**Public Meetings:**

**Newsletters and Fact Sheets:**

- 1) [Jun 1998 - EPA Enters Agreement with Fresno](#)
- 2) [Jun 1999 - EPA And City Of Fresno Start Construction Of The Landfill Cap And Early Groundwater Cleanup Action](#)
- 3) [Jun 2000 - Notice of Construction Start of Fresno Landfill System](#)
- 4) [Aug 2001 - Groundwater Treatment System Construction Underway](#)

# ▼ SITE REPOSITORIES/LIBRARY SOURCES



**The public information repositories for the site are at the following locations:**

Fresno County Central  
Library  
2420 Mariposa Street,  
Fresno, CA 93721  
(209) 488-3195

**The most complete collection of documents is the official EPA site file, maintained at the following location:**

Superfund Records Center  
Mail Stop SFD-7C  
95 Hawthorne Street, Room 403  
San Francisco, CA 94105  
(415) 536-2000

**Enter main lobby of 75 Hawthorne street, go to 4th floor of South Wing Annex.**

# ▼CONTACTS

**EPA SITE MANAGER:** Beatriz Bofill

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**E-MAIL ADDRESS:** bofill.beatriz@epa.gov

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**EPA COMMUNITY INVOLVEMENT COORDINATOR:** Jackie Lane

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**PUBLIC INFORMATION CENTER:** (415) 947-8701

**E-MAIL ADDRESS:** r9.info@epamail.epa.gov

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**STATE CONTACT:** Emmanuel Mensah

**ADDRESS:**

**PHONE NUMBER:** (916) 255-3704

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**PRP CONTACT:**

**ADDRESS:**

**PHONE NUMBER:**

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**COMMUNITY CONTACT:**

**ADDRESS:**

**PHONE NUMBER:**

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<b>After Hours (Emergency Response)</b>	
<b>State Environmental Protection Agency</b>	<b>US Environmental Protection Agency</b>
<b>(800) 852-7550</b>	<b>(800) 424-8802</b>

**▼ MISCELLANEOUS INFORMATION**

**STATE:** CA

**CONGRESSIONAL DISTRICT:** 20

**EPA ORGANIZATION:** SFD-7-2